

WG14 N2468

C Floating Point Study Group Teleconference

January 9, 2020

8 AM PST / 11 PM EST / 4 PM UTC

Phone: 1-844-531-0958

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Global call-in numbers:

<https://ibm.webex.com/cmp3300/webcomponents/widget/globalcallin/globalcallin.do?siteurl=ibm&serviceType=MC&ED=711376817&tollFree=1>

Wiki: <http://wiki.edg.com/twiki/bin/login/CFP/WebHome>

Draft Agenda

Meeting logistics

Note taker, mail out notes

Introduction of attendees

Approval of agenda

Notes from 2019-11-20 meeting

Posted on CFP wiki

Carry-over action items

CFP: Put the tgmath redefinition as a proposal to the standard once we have a base document with TS Part 3 in it.

Action items from 2019-11-20 meeting

Fred: Update erange proposal based on CFP 1437 and CFP teleconference discussion.

Jim: Submit [http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal -](http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_NaN_and_infinity_macros_-_20191108.pdf)

[NaN and infinity macros - 20191108.pdf](http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_NaN_and_infinity_macros_-_20191108.pdf) to WG14.

Rajan: Compile example code in [http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal -](http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_why_no_wide_string_strfrom_functions_v2.pdf)
[why no wide string strfrom functions v2.pdf](http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_why_no_wide_string_strfrom_functions_v2.pdf).

Jim: Choose how to attach footnote in [http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal -](http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_why_no_wide_string_strfrom_functions_v2.pdf)
[why no wide string strfrom functions v2.pdf](http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_why_no_wide_string_strfrom_functions_v2.pdf); mention the other approach in the problem description.

Jim: Draft a paper proposing changing the “cr” prefix for correctly rounded functions to “cr_”. Include with other suggested changes in response to Jens’s naming paper.

David H: Draft words to recommend honoring properties of math functions that would follow automatically from correct rounding.

Jim: Find a place for words about math function properties. Coordinate with David H (previous AI).

Jim: Draft a proposal to change the return words for powr and add the footnote (presented in the meeting) to justify powr.

Study group logistics

Next meeting dates: Wednesday, February 19?

IEEE 754 revision

C++ liaison

C2x integration

Part 1

Part 2

Part 3

Part 4ab

Part 5abcd

Action item details

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Jim: Submit http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_NaN_and_infinity_macros_-_20191108.pdf to WG14.

Rajan: Compile example code in http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_why_no_wide_string_strfrom_functions_v2.pdf.

Jim: Choose how to attach footnote in http://wiki.edg.com/pub/CFP/WebHome/C2x_proposal_-_why_no_wide_string_strfrom_functions_v2.pdf; mention the other approach in the problem description.

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Other issues

WG14 editor change

Others?